

## EAST Search History

| Ref # | Hits | Search Query                            | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2517 | (dispens\$4 with array\$1) and rotat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/14 16:32 |
| L2    | 5387 | 422/102                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/14 16:35 |
| L3    | 88   | L1 and L2                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/09/14 16:35 |

## EAST Search History

|    |      |  |   |    |     |                  |
|----|------|--|---|----|-----|------------------|
| S1 | 130  | (("20010018512") or ("20010019845") or ("20010048899") or ("20010049149") or ("20020008867") or ("20020009391") or ("20020012611") or ("20030059344") or ("20030086827") or ("20030100824") or ("20030116497") or ("20030118078") or ("20030119060") or ("20030124028") or ("20030205681") or ("20030230488") or ("20040022677") or ("20050130318") or ("4366118") or ("4772453") or ("4830832") or ("4938080") or ("5096835") or ("5169601") or ("5265169") or ("5306510") or ("5401465") or ("5497670") or ("5639425") or ("5716583") or ("5854684") or ("5872010") or ("5915284") or ("5961925") or ("5985214") or ("6006800") or ("6116099") or ("6154226") or ("6182719") or ("6184040") or ("6231177") or ("6240984") or ("6325114") or ("6372185") or ("6384210") or ("6419883") or ("6436698") or ("6469311") or ("6503719") or ("6506611") or ("6518068") or ("6551784") or ("6558623") or ("6575209") or ("6576476") or ("6579499") or ("6589483") or ("6592819") or ("6610253") or ("6637476") or ("6685884") or ("6689323") or ("6706538") or ("6752182") or ("6756232") or ("6827905") or ("6863362") or ("6887431") or ("6902703") or ("6911056")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/07 18:13 |
| S2 | 46   | S1 and rotat\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/07 18:21 |
| S4 | 4987 | 422/102  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/11 23:11 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S5  | 2148  | (dispens\$4 with array\$1) and rotat\$4                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 19:25 |
| S7  | 818   | S5 and frame   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:33 |
| S8  | 9     | S5 and (frame same (cool\$3 and heat\$3))                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:39 |
| S9  | 199   | S5 and frame and (cool\$3 and heat\$3)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 19:29 |
| S10 | 190   | S9 not S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:39 |
| S11 | 142   | S10 and (mix\$3 or agit\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:42 |
| S12 | 101   | S11 and tip\$1   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 18:42 |
| S13 | 21519 | (dispens\$4 with (arrays or modules or combs or units)) and rotat\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 19:27 |
| S14 | 3902  | (dispens\$4 near3 (arrays or modules or combs or units)) same rotat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 19:28 |
| S15 | 1538  | (dispens\$4 near3 (arrays or modules or combs or units)) with rotat\$4 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/07 19:28 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S16 | 71 | S15 and frame and (cool\$3 and heat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/07 19:29 |
| S17 | 46 | ("4488241"   "4689541"   "4757245"   "4878002"   "4952518"   "5046539"   "5055263").PN. OR ("5206568").URPN.                                | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/07/07 20:25 |
| S18 | 2  | ("20020012611").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 15:23 |
| S19 | 2  | ("6006800").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 15:24 |
| S20 | 2  | ("6325114").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 15:25 |
| S21 | 2  | ("6372185").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 15:28 |
| S22 | 4  | ((("20010048899") or ("20040033554")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 16:03 |
| S23 | 7  | ((("4,764,342") or ("4,478,094") or ("5,443,791")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/09 16:10 |
| S24 | 14 | ((("5,104,621") or ("5,466,065") or ("5,055,263") or ("5,443,791") or ("8,055,408") or ("6,086,827") or ("5,005,981") or ("5,139,744")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/23 14:15 |
| S25 | 7  | S24 and rotat\$4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 13:52 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S26 | 18   | ((("5,104,621") or ("5,466,065") or ("5,055,263") or ("5,443,791") or ("8,055,408") or ("6,086,827") or ("5,005,981") or ("5,139,744") or ("6,006,800") or ("20010048899")). PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/23 15:27 |
| S27 | 6    | S26 and stepper  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 14:16 |
| S28 | 12   | S26 and motor  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 14:16 |
| S29 | 13   | S26 and driv\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 14:17 |
| S30 | 5    | S26 and pulley   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 14:19 |
| S31 | 5    | S30 and S28  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/07/23 14:19 |
| S32 | 22   | ((("5,104,621") or ("5,466,065") or ("5,055,263") or ("20020176801") or ("5,714,127") or ("5,443,791") or ("8,055,408") or ("6,086,827") or ("5,005,981") or ("5,139,744") or ("6,006,800") or ("20010048899")). PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/07/23 16:30 |
| S33 | 5137 | 422/102  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/07 19:18 |
| S34 | 4428 | 422/100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/01/07 19:18 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S35 | 2    | ("6722395").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/11 21:40 |
| S36 | 5291 | 422/102  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/11 23:12 |
| S37 | 157  | S36 and (microplate\$1 or micro-well or microwell or microtiter or micro-titer) with reagent\$1  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/06/11 23:14 |
| S38 | 144  | ((("6884615") or ("5681492") or ("6428974") or ("4496657") or ("6841379") or ("5779907") or ("6844158") or ("6987563") or ("5939024") or ("6913732") or ("6692596") or ("5234665") or ("5593824") or ("5763157") or ("7041458") or ("4493896") or ("4772487") or ("4741619") or ("6795189") or ("6677487") or ("6075126") or ("5075082") or ("4764342") or ("5934885") or ("4970053") or ("6924396") or ("5961926") or ("5744627") or ("RE34312") or ("6440371") or ("6043097") or ("5847192") or ("4307074") or ("5683658") or ("6124471") or ("5784152") or ("5985218") or ("5122450") or ("5494793") or ("6015662") or ("6632660") or ("6511634") or ("6743373") or ("5777148") or ("6197260") or ("4588554") or ("5225164") or ("5599660") or ("5093235") or ("4020005") or ("5858653") or ("6130323") or ("4374041") or ("5837878") or ("6051191") or ("6974884") or ("6462179") or ("5578272") or ("5609822") or ("4681741") or ("6448024") or ("6218111") or ("6537505") or ("6576295") or ("5788928") or ("6576426") or ("5859210") or ("5725777") or ("5047206") or ("6833238") or ("6153442") or ("6071636") or ("5150821") or ("4411663") or ("5294404")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/11 23:13 |

## EAST Search History

|     |    |   |   |    |    |                  |
|-----|----|---|---|----|----|------------------|
| S39 | 20 | S38 and (microplate\$1 or micro-well or microwell or microtiter or micro-titer) with reagent\$1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/11 23:14 |
| S40 | 87 | S37 and dispens\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/11 23:18 |
| S41 | 26 | Stylli.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/12 06:40 |